

M 222

M 242

M 304

MIG-MAG

Welding range (in A)	25-210	30-230	30-290
voltage setting	6 steps	7 steps	12 steps

Duty cycle

duty cycle 100% 40 °C (in Amps)	85	115	135
duty cycle 60% 40 °C (in Amps)	135	155	175
duty cycle at max. current 40 °C (in %)	15%	20%	20%

Feeder and wire

wire feed unit	2 rolls	2 rolls	4 rolls
weldable wires steel (in mm)	0,6-1,0	0,6-1,0	0,6-1,2
weldable wires aluminium (in mm)	1,0-1,2	1,0-1,2	1,0-1,2

Mains

mains voltage (in V)	230	400	400
phases (50/60 Hz)	1~	3~	3~
Mains voltage 2 (in V)	400	---	---
positive mains tolerance (in %)	15%	15%	15%
negative mains tolerance (in %)	15%	15%	15%
mains fuse (in Amps)	16	16	16
mains plug	Schuko/CEE 16	CEE 16	CEE 16

Dimensions and weights

dimensions (LxWxH) (in mm)	870x390x610	870x390x610	870x390x610
weight (in kg)	55	57	67

Standards and approvals

standard	EN 60974-01	EN 60974-01	EN 60974-01
protection class (EN 60529)	IP23	IP23	IP23
insulation class	F	F	F
designation	CE, S	CE, S	CE, S